

Savage Industries Inc. 2025 East 5000 South Price, Utah 84501

(435) 637-5664 (435) 637-3418 Fax

Daron R. Haddock
Permit Supervisor
Utah Division of Oil, Gas & Mining
1594 West North Temple, Suite 1210
P.O. Box 145801
Salt Lake City, Utah 84114-5801

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FEB 0 3 2003

DIV. OF OIL, GAS & MINING

Re:

Proposed Access Road

Savage Coal Terminal

ACT/007/022

Carbon County, Utah

c/007/022

Dear Mr. Haddock:

Savage Coal Terminal is requesting approval to construct an access road running approximately 250' from the existing haul road to the main entrance to the site. This new road will be for non-mining related traffic to egress from the site without trying to negotiate the existing "Y" and creating a safety hazard.

The road will be constructed within the existing disturbed area, and will be constructed to the same standards as the existing haul road. There will be no changes to the existing drainage; however, an additional 18" culvert will be installed beneath the new road to maintain the existing drainage flow. This culvert matches the size of the existing culvert just downstream; therefore, no additional sizing should be necessary.

I have enclosed 3 copies of the revised Plate 3-2 and relevant pages for the M.R.P. A C_1/C_2 Form is also enclosed.

It is our hope this proposal will meet with your approval. We have discussed this proposal on-site with inspectors Steve Demczak and Joe Helfrich. If you have any questions, or need additional information, please let me know.

Sincerely,

Dan W. Guy

for

Boyd Rhodes,

Manager

CC:

Boyd Rhodes - Savage Price Field Office - DOGM

File

Permit Change X New Permit □ Renewal □ Exploration □ Bond Release □ Transfer □ Permittee: Savage Industries, Inc. Mine: Savage Coal Terminal Permit Number: ACT/007/022 **Proposed Access Road** Title: **Description**, Include reason for application and timing required to implement: To provide for non-mining related traffic to egress from the site safely. Instructions: If you answer yes to any of the first eight (gray) questions, this application may require Public Notice publication. 1. Change in the size of the Permit Area? Acres: ___ Disturbed Area: ___ ☐ increase ☐ decrease. ☐ Yes X No ☐ Yes X No 2. Is the application submitted as a result of a Division Order? DO# ☐ Yes X No 3. Does the application include operations outside a previously identified Cumulative Hydrologic Impact Area? ☐ Yes X No 4. Does the application include operations in hydrologic basins other than as currently approved? ☐ Yes X No 5. Does the application result from cancellation, reduction or increase of insurance or reclamation bond? ☐ Yes X No 6. Does the application require or include public notice publication? 7. Does the application require or include ownership, control, right-of-entry, or compliance information? ☐ Yes X No ☐ Yes X No 8. Is proposed activity within 100 feet of a public road or cemetery or 300 feet of an occupied dwelling? ☐ Yes X No 9. Is the application submitted as a result of a Violation? NOV # ☐ Yes X No 10. Is the application submitted as a result of other laws or regulations or policies? Explain: ☐ Yes X No 11. Does the application affect the surface landowner or change the post mining land use? ☐ Yes X No 12. Does the application require or include underground design or mine sequence and timing? (Modification of R2P2) ☐ Yes X No 13. Does the application require or include collection and reporting of any baseline information? ☐ Yes X No 14. Could the application have any effect on wildlife or vegetation outside the current disturbed area? ☐ Yes X No 15. Does the application require or include soil removal, storage or placement? ☐ Yes X No 16. Does the application require or include vegetation monitoring, removal or revegetation activities? X Yes
No 17. Does the application require or include construction, modification, or removal of surface facilities? X Yes □ No 18. Does the application require or include water monitoring, sediment or drainage control measures? X Yes □ No 19. Does the application require or include certified designs, maps or calculation? ☐ Yes X No 20. Does the application require or include subsidence control or monitoring? ☐ Yes X No 21. Have reclamation costs for bonding been provided? ☐ Yes X No 22. Does the application involve a perennial stream, a stream buffer zone or discharges to a stream? ☐ Yes X No 23. Does the application affect permits issued by other agencies or permits issued to other entities? Please attach four (4) review copies of the application. If the mine is on or adjacent to Forest Service land please submit five (5) copies, thank you. (These numbers include a copy for the Price Field Office) I hereby certify that I am a responsible official of the applicant and that the information contained in this application is true and correct to the best of my information and belief in all respects with the laws of Utah in reference to commitments, undertakings, and obligations, herein Subscribed and sworn to before me this 29 day of January, 2003 WENDE L. JACOBSON NOTARY PUBLIC • STATE of LITAH 821 CASTLE GATE CIRCLE HELPER, UTAH 84526 My commission Expires: COMM. EXP. 1-7-2006 State of Attest: County of For Office Use Only: **Assigned Tracking** Received by Oil Gas & Mining Number:

Number:

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DIV. OF OIL, GAS & MINING

APPLICATIO FOR COAL PERMIT PROCESING Detailed Schedule Of Changes to the Mining And Reclamation Plan

Permittee:	Savage Industries, Inc.		
Mine:	Savage Coal Terminal	Permit Number:	ACT/007/022
Title:	Proposed Access Road		

application of contents	n. Individually s, section of the	list all maps an plan, or other	o the Mining and Reclamation Plan, which is required as a r d drawings that are added, replaced, or removed from the pl information as needed to specifically locate, identify and rev and drawing number as part of the description.	an. Include changes to the table					
DESCRIPTION OF MAP, TEXT, OR MATERIAL TO BE CHANGED									
□Add	X Replace	Remove	Page 3-24	TO BE CHANGED					
□ Add	X Replace	Remove	Page 3-24a						
☐ Add	X Replace	☐ Remove	Page 7-88a						
☐ Add	X Replace	☐ Remove	Plate 3-2						
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	* 400		n required for insertion of this proposal into the						
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Mining and Reclamation Plan.			RECEIVED						
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				DIV. OF OIL, GAS & MINING					

Form DOGM - C2 (Revised March 12, 2002)

Mining and Reclamation Plan
Castle Valley Spur Processing and Loadout Facility Permit Application

3.2.5 <u>Transportation Facilities</u>

3.2.5.1 Roads, Parking Areas

The location of access and coal haulage roads and parking areas are provided on Plate 3-2.

There are 2 access roads into C.V. Spur. The new main access/haul road is located on the west side and is approximately 200' long from the intersection with the original access/haul road. The total haul road length is approximately 2200', 750' of which is paved. The other access road is located at the southwest corner of the property and is approximately 1700' long from the intersection with the county road to the plant parking lot. This road is also paved. An additional, gravel-surfaced haul road extends from this road northeast for approximately 1600'. An additional non-mining related access road will be constructed near the west entrance to tie the existing main roads together. This road will be built and maintained to the same standards as the existing haul roads. It will be approximately 250' in length. This road will be reclaimed during final reclamation of the property. All haul roads are paved or gravel-surfaced and maintained at a width of 24 feet. The roads will be used and maintained throughout the life of the operation.

There are two large road fill embankments at C.V. Spur. The embankments were built as truck dumps and their locations are shown on Plates 3-1 and 3-2. The embankments are constructed of reinforced concrete and steel and compacted earth materials and are a maximum 30 feet in height. Figures 3-5 and 3-6 show cross-sections of the truck dumps.

Mining and Reclamation Plan
Castle Valley Spur Processing and Loadout Facility Permit Application

A small embankment has been constructed near the southeast corner of the preparation plant. This embankment is for a new, drive-over truck dump, and is approximately 14'6" high. The truck dump location is shown on Plate 3-2, and details regarding the embankment and roadway are shown on Plates 3-2C and 3-2D.

Cross sections of the plant access and coal haulage and processing waste roads are shown on Plate 3-4 "Road Cross-Sections". No culverts at C.V. Spur are used exclusively for road surface drainage and no ditch relief culverts are planned.

The refuse disposal road is approximately 1,584 feet long. The road is gravel-surfaced and maintained at approximately 20 feet width. The road runs from the preparation plant to the refuse disposal area and will be maintained throughout the active phase of refuse disposal.

The above referenced roads are all considered "Primary Roads" as provided in R645-301-527.100. All other roads on the site are considered "Ancillary Roads". Road details are shown on Figures 3-5 and 3-4.

Parking areas, shown on Plate 3-2, serve the shop/lab/warehouse, truck scale and preparation plant areas.

Table 7-25
CULVERT DESIGN SPECIFICATIONS

Culvert Number	Design Discharge (cfs)	Diameter (ft)	Length (ft)	Normal Depth	Velocity (ft/sec)
C-1	0.81	1.0	30	0.45	2.38
C-1a	0.81	2.0	40	0.45	2.38
C-2	0.98	0.5	35	0.35	2.80
C-3	3.70	(2) 1.5	30	0.59	2.90
C-4	0.36	2.0	60	0.26	1.81
C-5	9.68	2.0	70	1.35	3.59
C-6	0.80	1.5	30	0.38	2.20
C-7	10.56	2.0	30	1.43	4.40
C-8	0.77	1.5	60	0.38	2.20
C-9	1.44	1.5	50	0.51	2.70
C-10	11.97	2.0	70	1.60	4.44
C-11	-	-	-	-	
C-12	5.11	1.5	40	1.11	3.64
C-13A	5.11	1.5	50	1.11	3.64
C-13	5.11	1.5	30	1.11	3.64
C-13B	5.11	1.50	60	1.11	3.64
C-14**	-	-	*	-	
C-15	20.50	2.0	20	2.87*	7.60*
C-16	1.34	2.0	30	0.45	2.10
C-17	0.36	2.0	40	0.26	1.81
C-18	0.80	1.0	40	0.46	2.20
C-19	0.22	1.0	20	0.28	1.19
C-20	0.22	1.0	20	0.28	1.19
C-21	1.11	2.0	60	0.34	2.05
C-22	13.88	2.0	100	2.10****	11.49
C-23	0.15	1.0	30	0.20	1.50

^{*} Head Water Depth = 3.50 ft.

Note: Culvert C-11 will be removed and replaced with extended 24" culvert C-21.

1/2003

05/16/83 7-88a

^{**} Removed 12/18/91 - Replaced with open spillway

Erosion to be minimized by the use of 9" med. diam. rip-rap at the culvert outlet.

^{****} Head Water Depth - 3.50 ft.